Notice of Allowability	Application No.	Applicant(s)	Applicant(s)	
	10/767,314	NGUYEN ET AL.		
	Examiner	Art Unit		
	Trung Q Nguyen	2829		
The MAILING DATE of this communication apperation apperation allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED i or other appropriate comm GHTS. This application is	n this application. If not included unication will be mailed in due cou	ırse. THIS	
1. This communication is responsive to <u>01/28/04</u> .				
2. The allowed claim(s) is/are <u>1-20</u> .				
3. \boxtimes The drawings filed on <u>28 January 2004</u> are accepted by the	e Examiner.			
4. ☐ Acknowledgment is made of a claim for foreign priority un a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have	been received.			
2. Certified copies of the priority documents have	, ,	· · · · -	£	
3. Copies of the certified copies of the priority doc	cuments have been receive	d in this national stage application	i from the	
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:				
 Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must (a) ☐ including changes required by the Notice of Draftspers 	ENT of this application. itted. Note the attached EX es reason(s) why the oath o	AMINER'S AMENDMENT or NOT r declaration is deficient.		
(a) ☐ including changes required by the Notice of Dranspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date	on's Patent Diawing Revie	W (F 10-940) attached		
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying Indicia such as the application number (see 37 CFR 1.	84(c)) should be written on t	he drawings in the front (not the ba	ck) of	
each sheet. Replacement sheet(s) should be labeled as such in ti	he header according to 37 C	FR 1.121(d).		
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT 			∍ the	
Attachment(s)	5 🖂 Notice of I	nformal Patent Application (PTO-1	52)	
 Notice of References Cited (PTO-892) Dotice of Draftperson's Patent Drawing Review (PTO-948) 		summary (PTO-413),	<i>32)</i>	
, , , ,	Paper No.	/Mail Date	•	
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date: 	<i>-</i>	: Amendment/Comment		
4. Examiner's Comment Regarding Requirement for Deposit		Statement of Reasons for Allowa	nce	
of Biological Material	9. 🗌 Other	<u></u> .		
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DETAILED ACTION

Allowable Subject Matter

1. Claims 1-20 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: claims 1 and 11 recite, inter alia, "an end user input and a core module test input connected to separate I/O pins of the core module to isolate logic associated with an end user signal from that associated with a core module test signal; and a multiplexer for multiplexing the end user signal and the core module test signal in the core module in response to a core module test mode signal." In addition, the above limitations give the advantage of the functional testing through logic in the built-in self-test (BIST) circuitry is dependent on the functional logic in the application-specific integrated circuits (ASIC), which may differ from one application to another, as a result, testing requires a much less time-consuming cooperative effort from the end user and the application engineer.

The art of record does not disclose the above limitations, nor would it be obvious to modify the art of record so as to include the above limitations. Although Basel (U.S. 6,260,175) discloses a Method for designing an integrated circuit using predefined and pre-verified core modules having pre-balanced clock trees and Schiltmans (U.S. 5,963,109) discloses a Converter for a satellite antenna having a replaceable core module, they do not disclose the above-mentioned limitations.

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Conclusion

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Trung Nguyen** whose telephone number is **(571) 272-1966**. The examiner can normally be reached on Monday through Friday, 8:30AM – 5:00PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **RAMIREZ NESTOR** can be reached at **(571) 272-2034**.

7rung Nguyen Patent Examíner Group Art Unit 2829 January 7, 2005

PRIMARY EXAMINER

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